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TITLE: CONDUCTIVE RESIN COMPOSITION,
SEPARATOR FOR FUEL CELL AND SEALING
MATERIAL
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INVENTOR-INFORMATION:

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ABSTRACT:

PROBLEM TO BE SOLVED: To obtain a conductive resin composition capable of exhibiting excellent moldability, conductivity, gas seal performance and strength, usable for separator for fuel cell, sealing material or the like, by utilizing a liquid crystal polymer as composite resin with a conductive filler.

SOLUTION: This composition includes (A) the liquid crystal polymer such as liquid crystal polyester or the like, (B) the conductive filler such as graphite (for example expanded graphite, granular graphite), Ketjenblack, acetylene black, furnace carbon black, thermal carbon black or the like, and if necessary, (C) carbon

fiber or glass fiber. This composition preferably, includes 50 to 900 pts.wt, more preferably 100 to 600 pts.wt. of the component B per 100 pts.wt. of the component A.

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